

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: ASAKI, Tetsuo, et al.

SERIAL NO.: TBA

Art Unit: TBA

FILED: June 26, 2006

EXAMINER: TBA

FOR: AMIDE DERIVATIVE AND MEDICINE

United States Patent and Trademark Office  
Commissioner for Patents  
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**INFORMATION DISCLOSURE STATEMENT**

Sir:

Applicants wish to bring co-owned U.S. Patent Application Publication No. US 2006/0014742 A1 to the Examiner's attention. That application generically discloses compounds which are similar to the compounds generically disclosed in the instant application.

Applicants also respectfully direct the Examiner's attention to Table 3 of the instant application. The values listed on Table 3 of the instant application are different from the values in Table 3 of the priority PCT application or the priority Japanese application. That is because the laboratory results listed in Table 3 were re-performed and the different, more accurate data obtained is presented in the instant application. Also, the more accurate data was reported by applicants in two publications: S. Kimura, et. al.; Blood, Vol. 106, No. 12, 3948-3954 (Dec. 1, 2005); and T. Asaki, et. al., 16 Bioorganic & Medicinal Chemistry Letters 1421-1425 (2006). Copies of these references are enclosed.

IAP20Rec'd PCT/PTO 27 JUN 2006

Applicants also enclosed herewith the following references which were cited in the IDS:

WO 02/22597 A1; R. Parise, et. al., 791, J. Chromatography B 39-44 (2003); EP O 564 409 A1; and WO 2004/14903 A1. As for the IDS cited reference WO 2004/002963 A1, its U.S. counterpart is US 2006/0014742 A1. The U.S. counterpart is enclosed.

In addition, applicants include copies of the following references which are cited in the present specification: B.J. Druker, et. al., N. Engl. J. Med., Vol. 344, No. 14, 1038-1042 (April 5, 2001); M. Gorre, et. al., Science, Vol. 293, 876-880 (August 3, 2001); M.V. Blagosklonny, 16 Leukemia 570-572 (2002); A. Hochhaus, et. al., 16 Leukemia 2190-2196 (2002); W.K. Hofmann, et.al., Blood, Vol. 99, No. 5, 1860-1862 (March 1, 2002); and M. Deininger, et. al., Blood, Vol. 96, No. 10, 3343-3356 (November 15, 2000).

Finally, applicants enclose herewith a completed Form 1449.

Applicants do not believe that a fee is due because of the filing of this Information Disclosure Statement. If a fee is due, however, please deduct that fee from our Account No. 50-1561.

Dated: June 26, 2006

By: Respectfully submitted,



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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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## Complete if Known

|                        |               |
|------------------------|---------------|
| Application Number     | TBA           |
| Filing Date            | June 26, 2005 |
| First Named Inventor   | ASAKI, Tetsuo |
| Art Unit               | TBA           |
| Examiner Name          | TBA           |
| Attorney Docket Number | 44342.025000  |

Sheet 1 of 2

## U. S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       |                          | US- 2006/0014742                         | 01-19-2006                     | ASAKI, Tetsuo                                      |   |
|                       |                          | US-                                      |                                |  |   |
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## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>5</sup> |
|-----------------------|--------------------------|---|--------------------------------|--|---|----------------|
|                       |                          | Country Code <sup>3</sup> "Number" <sup>4</sup> "Kind Code" <sup>5</sup> (if known) |                                |  |   |                |
|                       |                          | WO 02/22597 A1  | 03-21-2002                     | Buerger, et. al.                                   |   |                |
|                       |                          | EP O 564 409 A1   | 03-25-1993                     | Ciba-Geigy AG                                      |   |                |
|                       |                          | WO 2004/014903 A1   | 02-19-2004                     | M. Ciufolini, et. al.                              |   |                |
|                       |                          |   |                                |  |   |                |
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| Substitute for form 1449B/PTO   |             | <b>Complete if Known</b> |                      |
| <b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |             | Application Number       | TBA <b>10/584829</b> |
|   |             | Filing Date              | June 26, 2005        |
|   |             | First Named Inventor     | ASAKI, Tetsuo        |
|   |             | Art Unit                 | TBA                  |
|   |             | Examiner Name            | TBA                  |
| Sheet <b>2</b>  | of <b>2</b> | Attorney Docket Number   | 44342.025000         |

| NON PATENT LITERATURE DOCUMENTS |                       |  |                |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.      | T <sup>2</sup> |
|                                 |                       | S. KIMURA, et. al., NS-187, a Potent and Selective Dual Bcr-Abl/Lyn Tyrosine Kinase Inhibitor, is a Novel Agent for Imatinib-Resistant Leukemia, Blood, Vol. 16, No. 12, 3948-3954 (December 1, 2005)  |                |
|                                 |                       | T. ASAKI, et. al., Design and Synthesis of 3-substituted Benzamide Derivatives as Bcr-Abl Kinase Inhibitors, 16 Bioorganic & Medicinal Chemistry Letters 1421-1425 (2006)  |                |
|                                 |                       | R. PARISE, et. al., Liquid Chromatographic - Mass Spectrometric Assay for Quantitation of Imatinib and its Main Metabolite (CGP 74588) in Plasma, 791 J. Chromatography B 39-44 (2003)   |                |
|                                 |                       | B. DRUKER, et. al., Activity of a Specific Inhibitor of the BCR-ABL Tyrosine Kinase in the Blast Crises of Chronic Myeloid Leukemia and Acute Lymphoblastic Leukemia with the Philadelphia Chromosome, N. Engl. J. Med., Vol. 344, No. 14, 1038-1042 (April 5, 2001) |                |
|                                 |                       | M. GORRE, et. al., Clinical Resistance to STI-571 Cancer Therapy Caused by BCR-ABL Gene Mutation and Amplification, Science, Vol. 293 876-880 (August 3, 2001)   |                |
|                                 |                       | MV BLAGOSKLONNY, STI-571 Must Select for Drug-Resistant Cells but 'No Cell Breathes Fire Out of its Nostrils Like a Dragon', 16 Leukemia 570-572 (2002)  |                |
|                                 |                       | A. HOCHHAUS, et. al., Molecular and Chromosomal Mechanisms of Resistance to Imatinib (STI 1571) Therapy, 16 Leukemia 2190-2196 (2002)  |                |
|                                 |                       | W.K. HOFMANN, et. al., Ph+ Acute Lymphoblastic Leukemia Resistant to the Tyrosine Kinase Inhibitor STI 1571 has a Unique BCR-ABL Gene Mutation, Blood, Vol. 99, No. 5 1860-1862 (March 1, 2002)  |                |
|                                 |                       | M. DEININGER, et. al., The Molecular Biology of Chronic Myeloid Leukemia, Blood, Vol. 96, No. 10 3343-3356 (November 15, 2000)   |                |
|                                 |                       |  |                |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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